

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001729

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: H04R 25/00; A61F 11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: auditory, cochlea, prosthesis, array, electrode, delay and similar terms.

USPTO: auditory, cochlea, prosthesis, array, electrode, delay, amplitude and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| A | WO 2003/099179 A1 (THE BIONIC EAR INSTITUTE) 4 December 2003 Page 3 line 24-Page 17 line 26 | 1-16 |
| A | WO 2002/096153 A1 (HEARING WORKS PTY LTD.) 28 November 2002 Page 4 line 20-Page 14 line 20 | 1-16 |
| A | WO 2001/099470 A1 (COCHLEAR LIMITED et al.) 27 December 2001 Page 2 line 17-Page 16 line 12 | 1-16 |
| A | WO 1996/012383 A1 (UNIVERSITY OF MELBOURNE et al.) 25 April 1996 Page 2 line 26-Page 17 line 5 | 1-16 |

Further documents are listed in the continuation of Box C See patent family annex

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| * Special categories of cited documents: | |
| "A" | document defining the general state of the art which is not considered to be of particular relevance |
| "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" | earlier application or patent but published on or after the international filing date |
| "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) |
| "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" | document referring to an oral disclosure, use, exhibition or other means |
| "&" | document member of the same patent family |
| "P" | document published prior to the international filing date but later than the priority date claimed |

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| Date of the actual completion of the international search 11 February 2005 | Date of mailing of the international search report 22 FEB 2005 |
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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|---|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 1991/003913 A1 (COCHLEAR LIMITED et al.) 21 March 1991 Page 15 line 13-Page 36 line 8 | 1-16 |
| A | US 4207441 A (RICARD et al.) 10 June 1980 Col. 1 line 4-Col. 6 line 40 | 1-16 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001729

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | | | Patent Family Member | | | |
|---|-------------|-----|------------|----------------------|----------|----|---------|
| WO | 2003/099179 | N/A | | | | | |
| WO | 2002/096153 | US | 2004172101 | | | | |
| WO | 2001/099470 | AU | 65692/01 | CA | 2405523 | EP | 1310137 |
| | | US | 2003171786 | | | | |
| WO | 1996/012383 | AU | 36460/95 | CA | 2202868 | EP | 0787415 |
| | | US | 5991663 | | | | |
| WO | 1991/003913 | AU | 63392/90 | CA | 2024845 | EP | 0450004 |
| | | US | 5095904 | US | 5271397 | | |
| US | 4207441 | CH | 627603 | DE | 2811120 | DK | 116078 |
| | | FR | 2383657 | JP | 53117296 | | |
| Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. | | | | | | | |
| END OF ANNEX | | | | | | | |